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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/870,353
				Filing Date	May 30, 2001
				First Named Inventor	Wang, Yan
				Group Art Unit	1633
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	020130-000111US

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
12/1	AA	5,474,911	A	Pontius, <i>et al.</i>	12-12-1995	
	AB	5,972,603	A	Bedford, <i>et al.</i>	10-26-1999	
	AC	6,228,628	B1	Gelfand, <i>et al.</i>	05-08-2001	

Examiner Signature		Date Considered	5/8/07
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **2** of **3**

### Complete If Known

Application Number	09/870,353
Filing Date	May 30, 2001
First Named Inventor	Wang, Yan
Group Art Unit	1633
Examiner Name	
Attorney Docket Number	020130-000111US

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RA	AD	Baumann <i>et al.</i> , "Solution Structure and DNA-binding Properties of a Thermostable Protein from the Archaeon <i>Sulfolobus solfataricus</i> " <i>Structural Biology</i> (1994) Vol. 1(11), pp. 808-819.	
	AE	Bedford, <i>et al.</i> "The Thioredoxin Binding Domain of Bacteriophage T7 DNA Polymerase Confers Processivity on Escherichia coli DNA Polymerase I" <i>Proc. Natl. Acad. Sci. USA</i> (January 1997) Vol. 94, pp. 479-484.	
	AF	Cann <i>et al.</i> , "Functional Interactions of a Homolog of Proliferating Cell Nuclear Antigen with DNA Polymerases in Archaea," <i>Journal of Bacteriology</i> (1999) Vol. 181(21), pp. 6591-6599.	
	AG	Choli <i>et al.</i> , "Isolation, Characterization and Microsequence Analysis of a Small Basic Methylated DNA-binding Protein from the Archaeobacterium, <i>Sulfolobus solfataricus</i> " <i>Biochimica et Biophysica Acta</i> (1988) Vol. 950, pp. 193-203.	
	AH	De Felice <i>et al.</i> , "Two DNA polymerase Sliding Clamps from the Thermophilic Archaeon <i>Sulfolobus solfataricus</i> " <i>J. Molec. Biol.</i> (1999) Vol. 291, pp. 47-57.	
	AI	Gao <i>et al.</i> , "The Crystal Structure of the Hyperthermophile Chromosomal Protein Sso7d Bound to DNA" <i>Nature Structural Biology</i> (1998) Vol. 5(9), pp. 782-786.	
	AJ	Lim, <i>et al.</i> "The Mitochondrial p55 Accessory Subunit of Human DNA Polymerase $\gamma$ Enhances DNA Binding, Promotes Processive DNA Synthesis, and Confers N-Ethylmaleimide Resistance" <i>J. Biological Chemistry</i> (December 1999) Vol. 274(53), pp. 38197-38203.	
	AK	McAfee, <i>et al.</i> , "Gene Cloning, Expression, and Characterization of the Sac7 Proteins From the Hyperthermophile <i>Sulfolobus acidocaldarius</i> " <i>Biochemistry</i> (1995) Vol. 34, pp. 10063-10077.	
	AL	Sandman, <i>et al.</i> , "Histone-encoding Genes from <i>Pyrococcus</i> : Evidence for Members of the Hmf Family of Archaeal Histones in a Non-methanogenic Archaeon" <i>Gene</i> (1994) Vol. 150, pp. 207-208.	
RV	AM	Shamoo, <i>et al.</i> "Building a Replisome from Interacting Pieces: Sliding Clamp Complexed to a Peptide from DNA Polymerase and a Polymerase Editing Complex" <i>Cell</i> (1999) Vol. 99, pp. 155-166.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/870,353
		Filing Date	May 30, 2001
		First Named Inventor	Wang, Yan
		Group Art Unit	1633
		Examiner Name	
Sheet 3 of 3	Attorney Docket Number	020130-000111US	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PH	AN	Starich, <i>et al.</i> , "NMR Structure of HMfB from the Hyperthermophile, <i>Methanothermus fervidus</i> , Confirms that this Archaeal Protein is a Histone" <i>J. Molec. Biol.</i> (1996) Vol. 255 pp. 187-203.	
	AO	Zhang <i>et al.</i> , "Expression and Psysicochemical Characterization of Human Proliferating Cell Nuclear Antigen " <i>Biochemistry</i> (1995) Vol. 34, pp. 10703-10712.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1

of

**Complete If Known**

Application Number	09/870,353
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<b>Filing Date</b>	<b>May 30, 2001</b>
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First Named Inventor	Wang, Yan, et. al.
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Art Unit	1633
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Examiner Name	Not yet assigned
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Attorney Docket Number	020130-000111US
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#### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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Substitute for form 1448B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10/821,583
				Filing Date	April 9, 2004
				First Named Inventor	Wang, Yan
				Art Unit	1852
				Examiner Name	Richard G. Hutson
Sheet	3	of	1	Attorney Docket Number	020130-000112US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
8/2	1	US-6,827,424	06-2003	Wang, Yan	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	2	DE	198 40 771	A1	02-10-2000	Lion Bioscience AG		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	3	CONSONNI, et al., "A single point mutation in the Extreme Heat- and Pressure-Resistant Sso7d Protein from <i>Sulfolobus solfataricus</i> Leads to a Major Rearrangement of the Hydrophobic Core," <i>Biochemistry</i> , Vol. 38, pp. 12709-12717 (1999)	<input type="checkbox"/>
	4	NGO, et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox, in the Protein Folding Problem and Tertiary Structure Prediction," Merz, et al. (ed.), Birkhauser, Boston, MA, pp. 433 and 492-495.	<input type="checkbox"/>
	5	ROBINSON, H., et al., "The hyperthermophile chromosomal protein Sac7d sharply kinks DNA," <i>Nature</i> , Vol. 392, pp. 202-205 (1998)	<input type="checkbox"/>
	6	SHEHI, et al., "Thermal Stability and DNA Binding Activity of a Variant Form of Sso7d Protein from the Archeon <i>Sulfolobus solfataricus</i> Truncated at Leucine 54," <i>Biochemistry</i> , Vol. 42, pp. 8362-8368 (2003).	<input type="checkbox"/>
	7	WANG, Y., et al., "A Novel Strategy to Engineer DNA Polymerases for Enhanced Processivity and Improved Performance in vitro," <i>Nucleic Acid Research</i> , Vol. 32, pp. 1197-1207 (2004)	<input type="checkbox"/>
	8	WEISSHART, et al., "Herpes Simplex Virus Processivity Factor UL42 Imparts Increased DNS-Binding to the Viral DNA Polymerase and Decreased Dissociation from Primer-Template without Reducing," <i>Journal of Virology</i> , Vol. 73(1), pp. 55-66 (Jan. 1999)	<input type="checkbox"/>

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